

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/537,228A
Source: PCR
Date Processed by STIC: 2/16/06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 02/16/2006

PATENT APPLICATION: US/10/537,228A

TIME: 13:03:23

Input Set : A:\9052-222 Sequence Listing CRF 122905.TXT

Output Set: N:\CRF4\02162006\J537228A.raw

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3 <110> APPLICANT: Coverley, Dawn
5 <120> TITLE OF INVENTION: REPLICATION PROTEIN
7 <130> FILE REFERENCE: 9052-222
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/537,228A
C--> 10 <141> CURRENT FILING DATE: 2005-06-03
12 <150> PRIOR APPLICATION NUMBER: GB 0228337.2
13 <151> PRIOR FILING DATE: 2002-12-05
15 <160> NUMBER OF SEQ ID NOS: 73
17 <170> SOFTWARE: PatentIn version 3.1
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20 <211> LENGTH: 5
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22 <213> ORGANISM: Homo sapiens
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27 1 5
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33 <213> ORGANISM: Homo sapiens
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47 1 5
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52 <212> TYPE: DNA
53 <213> ORGANISM: Homo sapiens
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58 ccggcttggt acagatat 78
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66 <220> FEATURE:
67 <223> OTHER INFORMATION: Primer
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76 <213> ORGANISM: Artificial Sequence
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79 <223> OTHER INFORMATION: Primer
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86 <211> LENGTH: 30
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Primer
93 <400> SEQUENCE: 7
94 aagcagacac agggcccgga tcggctgcct 30
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98 <211> LENGTH: 30
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Primer
105 <400> SEQUENCE: 8
106 aggcagccga tccggggcct gtgtctgctt 30
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110 <211> LENGTH: 29
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Primer
117 <400> SEQUENCE: 9
118 aagcacagtc acaggagcag acctgtctc 29
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122 <211> LENGTH: 29
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124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Primer
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134 <211> LENGTH: 29
135 <212> TYPE: DNA
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Primer
141 <400> SEQUENCE: 11
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159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Primer
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169 <210> SEQ ID NO: 14
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172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Primer
177 <400> SEQUENCE: 14
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183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Primer
189 <400> SEQUENCE: 15
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194 <211> LENGTH: 29
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
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201 <400> SEQUENCE: 16
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223 <223> OTHER INFORMATION: Primer
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230 <211> LENGTH: 25
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Primer
237 <400> SEQUENCE: 19
238 acacagacct ctccagagca cttag          25
241 <210> SEQ ID NO: 20
242 <211> LENGTH: 19
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Primer
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250 atggtgacct tcagggagc          19
253 <210> SEQ ID NO: 21
254 <211> LENGTH: 25
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Primer
261 <400> SEQUENCE: 21
262 tccttggcga tgctctctgg gcagg          25
265 <210> SEQ ID NO: 22
266 <211> LENGTH: 25
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
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274 tccctcctca acggctccat gctgc          25
277 <210> SEQ ID NO: 23
278 <211> LENGTH: 25
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:
283 <223> OTHER INFORMATION: Primer
285 <400> SEQUENCE: 23
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289 <210> SEQ ID NO: 24
290 <211> LENGTH: 25

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291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Primer
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301 <210> SEQ ID NO: 25
302 <211> LENGTH: 25
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Primer
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313 <210> SEQ ID NO: 26
314 <211> LENGTH: 845
315 <212> TYPE: PRT
316 <213> ORGANISM: Mouse
318 <400> SEQUENCE: 26
320 Met Phe Asn Pro Gln Leu Gln Gln Gln Gln Gln Leu Gln Gln Gln Gln
321 1          5          10          15
324 Gln Gln Leu Gln Gln Gln Leu Gln Gln Gln Gln Gln Leu Gln Gln Gln
325          20          25          30
328 Gln Gln Ile Leu Gln Leu Gln Gln Leu Leu Gln Gln Ser Pro Pro Gln
329          35          40          45
332 Ala Ser Leu Ser Ile Pro Val Ser Arg Gly Leu Pro Gln Gln Ser Ser
333          50          55          60
336 Pro Gln Gln Leu Leu Ser Leu Gln Gly Leu His Ser Thr Ser Leu Leu
337 65          70          75          80
340 Asn Gly Pro Met Leu Gln Arg Ala Leu Leu Gln Gln Leu Gln Gly
341          85          90          95
344 Leu Asp Gln Phe Ala Met Pro Pro Ala Thr Tyr Asp Gly Ala Ser Leu
345          100         105         110
348 Thr Met Pro Thr Ala Thr Leu Gly Asn Leu Arg Ala Phe Asn Val Thr
349          115         120         125
352 Ala Pro Ser Leu Ala Ala Pro Ser Leu Thr Pro Pro Gln Met Val Thr
353          130         135         140
356 Pro Asn Leu Gln Gln Phe Phe Pro Gln Ala Thr Arg Gln Ser Leu Leu
357 145         150         155         160
360 Gly Pro Pro Pro Val Gly Val Pro Ile Asn Pro Ser Gln Leu Asn His
361          165         170         175
364 Ser Gly Arg Asn Thr Gln Lys Gln Ala Arg Thr Pro Ser Ser Thr Thr
365          180         185         190
368 Pro Asn Arg Lys Asp Ser Ser Ser Gln Thr Val Pro Leu Glu Asp Arg
369          195         200         205
372 Glu Asp Pro Thr Glu Gly Ser Glu Glu Ala Thr Glu Leu Gln Met Asp
373          210         215         220
376 Thr Cys Glu Asp Gln Asp Ser Leu Val Gly Pro Asp Ser Met Leu Ser
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VERIFICATION SUMMARY

DATE: 02/16/2006

PATENT APPLICATION: US/10/537,228A

TIME: 13:03:24

Input Set : A:\9052-222 Sequence Listing CRF 122905.TXT

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date